

I 26L79-65 FBD/EWT(1)/EWG(v)/EEC(t)/EEC-l Pe-5/Pae-2/Pi-4 GW/WS

ACCESSION NR: AR5004871

S/0058/64/000/011/H059/H059

SOURCE: Ref. zh. Fizika, Abs. 11Zh367

4D

27

6

AUTHORS: Rystrova, N. V.; Gosachinskiy, I. V.; Yegorova, T. M.; Ryzhkov, N. F.

TITLE: Observation of radio sources W44 and W48 with high angular resolution at 21 cm wavelength

CITED SOURCE: Astron. tsirkulyar, No. 269, 20 noyabrya, 1963, 1-3

TOPIC TAGS: radio astronomy, supernova explosion, radio source, cosmic radio emission

TRANSLATION: Observations were made of two proposed remnants of supernova explosions with the aid of an antenna having an angle resolution of 7' in one coordinate. It was found that the model in which the sources have the form of spherically symmetrical envelopes does not agree with the observations. The distance to these sources was estimated from the absorption in the radio line. Two new sources were observed near W44. I. G.

SUB CODE: AA, EC

ENCL: 00

Card 1/1

82055

S/035/60/000/03/04/009  
A001/A001

3.1720

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 3,  
p. 41, # 2310

AUTHORS: Gel'freykh, G. B., Yen' Zhi-khua, Korol'kov, D. V., Ryzhkov, N. F.,  
Soboleva, N. S., U San'-tyu, Chen Kun'-yuen'

TITLE: Preliminary Results of Observations of the <sup>V</sup>Solar Eclipse on April 19,  
1958, With Polarization Devices of Centimeter Range

PERIODICAL: Solnechnyye dannyye, 1958, No. 5, pp. 66-70

TEXT: Recorded curves of variations in the intensity of solar radio-frequency radiation on the wavelengths 5.1, 3.3 and 2.0 cm are presented. The records were made by means of polarization devices on the Hainan island (ChPR) during the observation of the solar eclipse on April 19, 1958, by the Soviet-Chinese expedition. The main results of the analysis of the curves are described. They warrant the conclusions on the existence of a local source of radio-frequency radiation, <sup>V</sup>connected with a group of sunspots which was present on the Sun's disk on the eclipse day, and on the spectrum of this source. The values of brightness temperature  $T_b$  have been obtained, as well as the values <sup>WT</sup>

Card 1/2

67450

6.9417

3.1730 (1126, 1127, 1129)

S/035/60/000/012/008/019  
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 12,  
p. 46, # 12254

AUTHORS: Yegorova, T. M., Ryzhkov, N. F.

TITLE: A New Observational Method of Narrow Spectral Lines in Radio Range

PERIODICAL: Izv. Gl. astron. observ. v Pulkove, 1960, Vol. 21, No. 5, pp. 140-152  
(English summary)

TEXT: A new method of observing narrow spectral lines is described, which is applicable to wavelengths of centimeter, decimeter and meter ranges. Equipment operating by this method is described and the results of its investigation are presented. The results are described of an attempt of detecting the spectral line of the Galaxy's excited hydrogen on the 91.2-cm wavelength due to the transition from the 272 level to the 271 one. An extended accumulation of the "signal" by means of the photographic method was employed for increasing the sensitivity. There are 15 references.

Author's summary

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

S/194/61/000/002/037/059  
D216/D302

9.2510

AUTHOR: Ryzhkov, N.F.

TITLE: Stabilizing the gain of a high frequency amplifier  
by means of a negative d.c. feedback

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika  
no. 2, 1961, 22, abstract 2 Kl93 (Izv. Gl. astron.  
observ. v Pulkove, 1960, 21, no. 5, 168-175)

TEXT: The results are considered of experimentally analyzing the  
effect of varying the heater supply and the spread of the valve  
parameter values on the stability of gain of single and multi-stage  
HF amplifiers, having either a small or a large amount of negative  
d.c. feedback through the cathode resistance. The gain K has been  
evaluated of a pass band amplifying stage with 45 samples of 6<sup>+</sup>117  
(6Zh1P) tubes. The heater supply used was 5.5 and 6.6 v, the  
cathode resistances 200 ohm and 11 k.ohm (in the latter case to  
compensate for the additional grid bias introduced, an external

✓  
3

Card 1/2

S/194/61/000/002/037/039  
D216/D302

Stabilizing the gain...

bias supply was used). The gain instability  $\alpha = \frac{\Delta K}{K}$  was evaluated for each tube. The experiment carried out, using a 5-stage amplifier, showed that with a large amount of d.c. feedback, the instability of the gain due to the variations in the heater supply can be decreased several times by proper choice of tubes and their operating conditions, irrespective of the number of stages.

Card 2/2

38771  
S/194/62/000/005/116/157  
D230/D308

31720

AUTHORS: Gosachinskiy, I.B., Yegorova, T.M., and Ryzhkov, N.F.

TITLE: Results of observation of the solar eclipse on February 15, 1961 at 21 cm wavelength

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, 38, abstract 5zh264 (Solnechnye dannye, 1961, no. 7, 70-73)

TEXT: The results of observation of the partial solar eclipse on February 15, 1961, are examined. Observations were carried out in Pulkovo at 21 cm; a radio telescope with a 4m parabolic mirror and a 5 Mc/s band compensation receiver were employed, time constant being 1 sec. The curve of the variation of flow of solar radiation and also its derivative are given. Two local sources have been found with certainty, one connected with the group of spots no. 41 and the other with the floccule. The angular dimensions of the local source above the spot were  $2' \times 4'.6$  and brightness temperature  $2.1 \times 10^{60}$  K; the angular dimensions of the region connected with Card 1/2

S/194/62/000/005/116/157  
D230/D308

Results of observation of the ...

the floccule were  $1'6 \times 3'3$  and brightness temperature  $1.2 \times 10^{60}$  K.  
[Abstractor's note: Complete translation].

✓

Card 2/2

"High-resolution Observations of the Galactic Center at 1420 Mc/s in the Continuum and in the Neutral Hydrogen Line."

report presented at the IAU/URSI Symposium on Galaxy and Magellanic Clouds, Symposium No. 20, Canberra and Sydney Australia, 18-28 March 1963.

Pulkovo Observatory

AC- NR: AR6035289

SOURCE CODE: UR/0269/66/000/009/0044/0044

AUTHOR: Bystrova, N. V.; Gosachinskiy, I. V.; Yegorova, T. M.; Ryzhkov,  
N. F.

TITLE: Attempt to observe the hydrogen radio-frequency spectral line at the  
1424.736 mc frequency in the Horseshoe and Orion Ori nebulae

SOURCE: Ref. zh. Astronomiya, Abs. 9.51.380

REF SOURCE: Astron. tsirkulyar, no. 355, fevr. 11, 1966, 2-3

TOPIC TAGS: hydrogen line, nebula, ~~Horseshoe nebula, Orion nebula~~, radio  
emission, cosmic radio emission

ABSTRACT: Investigations of excited hydrogen radio-frequency spectral lines have been continuing at the Pulkovo Observatory. The RMS of measurement error of  $\pm 0.25$  km/sec is found to be lower than that of the errors determined by the profile of the line. Omega and Orion nebulae were observed in October and November 1965. Profiles were obtained of the absorption lines in these nebulae, as well as of the emission line detected in the direction of the galactic center. The ratio of maximum intensity in the line to the continuous spectrum intensity, line widths at the half-power points, the nebula velocity determined on the basis of

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UDC: 523.164.4

ACC NR: AR6035289

the maximum and of the center of gravity of the line, were calculated for Omega and Orion. The mean kinetic temperature for Omega and Orion were also determined. The results are somewhat different from the data of B. Hoglund and P. G. Mezger for the 5009 mc. The radiation line is narrow,  $\Delta\nu = (270 \pm 70)$  kc, and is formed in a small compact region moving at a velocity of  $-(10 \pm 1)$  km/sec.  
[Translation of abstract]

[DW]

SUB CODE: 03/

Card 2/2

ACC NR: AR6016285

SOURCE CODE: UR/0269/66/000/001/0043/0043

AUTHORS: Bystrova, N. V.; Gosachinskiy, I. V.; Yegorova, T. M.; Ryzhkov, N. F.

37  
B

TITLE: Radio observations of three postulated remainders of type II supernova<sup>✓</sup> outbursts

SOURCE: Ref. zh. Astronomiya, Abs. 1.51.353

REF SOURCE: Izv. Gl. astron. observ. v Pulkove, v. 24, no. 2, 1965, 202-206

TOPIC TAGS: supernova, radio telescope, cosmic radio source, centimeter wave, thin shell structure

ABSTRACT: The results of observations with the large Pulkovo radio telescope of prolonged nonthermal radio sources W 44, W 28, and W 14 are given. The dimensions of the directivity patterns at the declination of the sources are  $7' \times 1^{\circ}.5$ ;  $7' \times 4^{\circ}.5$ ; and  $7' \times 0^{\circ}.8$ , respectively, for a 21-cm wave. The luminosity distribution for the sources in a continuous spectrum does not agree with a three-dimensional model in the form of a spherically symmetric thin shell. Transmission curves at certain frequencies of the profile of the radio line of neutral hydrogen are given. An estimate of the possible upper limit of the distance to the sources is made. Bibliography of 19 citations. Resume /Translation of abstract/

SUB CODE: 03

Card 1/1 pha

UDC: 523.164.4

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3"

BYSTROVA, N.V.; COSACHINSKIY, I.V.; YEGOROVA, T.M.; RYZHIKOV, N.F.

Right ascensions and dimensions of, and fluxes from, some  
discrete radio sources observed at a wavelength of 21 cm.  
Izv. GAO 24 no.1:73-76 '64. (MIRA 18:3)

"APPROVED FOR RELEASE: Thursday, September 26, 2002

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APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3"

BYSTROVA, N.V.; GOSACHINSKIY, I.V.; YEGOROVA, T.M.; RYZHKOV, N.F.

High-resolution observations of radiosources W 44 and W 28 on  
the 21 cm. wavelength. Astron.tsir. no.269:1-3 N '63.  
(MIRA 17:4)

1. Glavnaya astronomicheskaya observatoriya AN SSSR, Pulkovo.

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

BYSTROVA, N.V.; GOSACHINSKIY, I.V.; YEGOROVA, T.M.; RYZHKOV, N.F.

Neutral hydrogen in the direction of nebula NGC 6618 (Omega). Astron.  
tsir. no.244:1-4 My '63. (MIRA 17:2)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.

PYZHKOV, N.F.; YEGOROVA, T.M.; GOSACHINSKIY, I.V.; BYSTROVA, N.V.

Attempt to observe radio emission of Seki-Lines' comet (1962e).  
Astroletsir. no.231:6-8 N '62. (MIRA 16:4)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.  
(Comets—1962) (Radio astronomy)

L 8622-65 FBD/EWT(1)/EWG(v)/EEC-4/EEC(t) Pe-5/Pae-2/Pi-4 AFETR/ESD(gs)/  
ESD(dp)/AFWL/SSD/ASD(z)-5/BSD/ESD(t)/RAEM(t) GW/VS  
ACCESSION NR: AR4038680 8/0269/64/000/003/0044/0044

SOURCE: Ref. zh. Astron. Otd. vyp., Abs. 3.61.354

AUTHOR: Bystrova, N. V., Gosachinskij, I. V., Yegorova, T. M., Kryshkov, N. P.

TITLE: Fine structure of the discrete source W43 on 21-cm waves

CITED SOURCE: Astron. tsirkulyar, no. 245(Maya 13), 1963, 3-4

TOPIC TAGS: astronomy, radio astronomy, discrete radio source, neutral hydrogen, radio telescope

TRANSLATION: The high resolving power of the Pulkovo radio telescope ( $7' \times 1^{\circ}.5$ ) made it possible to directly distinguish the nucleus of the source W43, having a half-width of  $5'.5$  and emitting 25% of the total flux from the source. Observations in the line of neutral hydrogen gave an estimate of distance to the source of  $> 5$  kpc. I. G.

DATE ACQ: 17Apr64

SUB CODE: AA

ENCL: 00

Card 1/1

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

GOSACHINSKIY, I.V.; YEGOROVA, T.M.; RYZHKOV, N.F.

Results of observations of the solar eclipse of February 15, 1961,  
at 21 cm. wave. Izv. GAO 23 no.3:79-82 '64.

(MIRA 17:11)

RYZHKOV, N.I., inzh.

Organizing a department for the preparation of rolled sheet metal in a block of plants producing welded structures. Svar. proizv. no.10:19-21 O '65. (MIRA 18:10)

1. Ural'skiy zavod tyazhalogo mashinostroyeniya imeni Sergo Ordzhonikidze.

VAYNER, Sh.A., inzh.; VAYNER, S.A., inzh.; USOL'TSEV, V.A., inzh.;  
FOKIN, V.M., inzh.; SOTSKOV, N.I., inzh.; ZANDBERG, S.A., inzh.;  
SIGAREV, V.S., inzh.; BRONSHTEYN, L.M., inzh; YUNGER, S.V., kand.  
tekhn. nauk; BATYREV, A.V., inzh.; BODYAKIN, Yu.F., inzh.;  
RYZHKOV, N.I., inzh.; YAKHNIN, A.L., inzh.; FRIDKIS, Z.I., inzh.

Furnishing the SGU gas-cutting machine with a FOS-4 scale  
photocopying control system. Svar. proizv. no.9:34 S '65.

(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tekhnologii  
mashinostroyeniya (for Sh.Vayner, S.Vaynor, Usol'tsev, Fokin,  
Sotskov). 2. Volgogradskiy zavod im. Petrova (for Zandberg,  
Sigarev, Bronshteyn). 3. VPTI khimnefteapparatury (for Yunger,  
Batyrev, Bodyakin). 4. Ural'skiy zavod tyazhelogo mashinostroyeniya  
imeni Sergo Ordzhonikidze (for Ryzhkov, Yakhnin, Fridkis).

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520015-3  
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RYZHKOY, N.I., inzh.; ANTSELEVICH, V.D., inzh.; SAMOYLENKO, V.Ye., inzh.

Manufacturing welded derrick of boring rigs. Svar.proizv.  
no. 5:30-31 My '65. (MIRA 18:6)

1. Ural'skiy zavod tyazhelogo mashinostroyeniya imeni Sergo  
Ordzhonikidze.

ZOLOTOTRUBOV, I.M.; RYZHOV, N.M.; SKOBLIK, I.P.; TOLOK, V.T.

Plasma injection into a magnetic trap with opposing fields.  
Zhur. tekh.fiz. 34 no. 2:382-384 F '64. (MIRA 17:6)

1. Fiziko-tehnicheskiy institut AN UkrSSSR, Khar'kov.

ANDREYEVA, N.Ye.; RYZHKOVA, N.P.

Pathogenesis and clinical diagnosis of paraproteinemia. Ter.  
arkh. 35 no.4:64-74 Ap'63 (MIRA 17:1)

1. Iz 3-y kafedry terapii (zav. - chlen-korrespondent AMN SSSR  
I.A. Kassirskiy) Tsentral'nogo instituta usovershenstvovaniya  
vrachey na baze Tsentral'noy klinicheskoy bol'nitsy Minister-  
stva putey soobshcheniya imeni N.A. Semashko.

KGZDOBA, Leonid Alekseyevich; SELEZNEV, K.P., kand. tekhn. nauk,  
retsenzent; RYZHKOV, N.S., inzh., retsenzent; SAMSONOV,  
Yu.A., nauchn. red.; NIKITINA, A.D., red.

[Electron modeling of temperature fields in marine power  
plant parts] Elektromodelirovanie temperaturnykh polei v  
detaliakh sudovykh energeticheskikh ustanovok. Leningrad,  
Sudostroenie, 1964. 170 p. (MIRA 17:9)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520015-3

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LAMBERG, B.A., kand.tekhn.nauk; RYZHKOV, N.S., inzh.

Strusses in steam turbine rotors. Energomashinostroenie 1C no.1:  
46-47 Ja '64. (MIRA 17:4)

"Tectonic features of oil and gas territories in Uzbekistan."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec  
1964.

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RYZHKOV, O.A.

CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

Method of paleotectonic analysis. Uzb. geol. zhur. no.2:78-79  
'61. (MIRA 14:5)  
(Geology, Structural—Maps)

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

RYZHKOV, O.A.; DAVLYATOV, Sh.D.

Tectonic structure of the surface deposits of western Uzbekistan.  
Dokl. AN Uz.SSR no.12:35-37 '59. (MIRA 13:5)

1. Institut geologii AN UzSSR. Predstavleno chlenom-korr. AN  
UzSSR G.A. Mavlyanovym.  
(Uzbekistan--Geology, Structure)

S/130/61/000/004/002/005  
A006/A001

AUTHORS:

Beda, N.I., Ryzhkov, P.Ya.

TITLE:

About the Quality of Converter Metal

PERIODICAL:

Metallurg, 1961, No. 4, pp. 13 - 16

TEXT: The industrial assimilation of converter metal produced with oxygen blast was started at the Plant imeni Petrovskiy in 1956 and a large number of experimental data was gathered. The results obtained show the full identity of converter steel produced with top blast using oxygen of 98 - 99% purity. The steels were compared to open hearth steels as to their gas content, chemical composition, micro and macrostructure, content of non-metallic impurities, mechanical properties, cold embrittlement and weldability (Tables 1, 2, 3, 4). Welding tests performed at the Institute of Electric Welding imeni Ye.O. Paton showed that the properties of weld joints made with experimental oxygen-blown converter steel and open hearth conventional steel were equivalent. The same welding technology and filler materials may be employed for both types of steel. They are equal as to

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## About the Quality of Converter Metal

their dynamical strength. Analogous results were obtained at the Proyektstal'-konstruktsiya Institute and a number of plants. Wheel rims for ЗИЛ-164 trucks were manufactured of converter and open hearth steel by extrusion. Satisfactory results were obtained. Rejects, due to cracks in the welds, caused by stretching, were 0.87 and 0.71% respectively. The investigation proved the suitability of converter metal for large-scale industrial use. Its quality will be raised by increasing the purity of oxygen in the blast to 99.5%.

Table 1: Gas content in converter and open hearth steel

Steel	Shape	Gas content, %tent			Place of analysis Место анализа
		O <sub>2</sub>	N <sub>2</sub>	H <sub>2</sub>	
KSt. 3kp KCt. 3kp	# 20 beam Балка № 20	0.003–0.006 0.0046 0.006–0.020 0.0102 0.002–0.019	0.0038–0.006 0.004 0.0045–0.0085 0.006 0.005–0.008	0.00015 0.00019 0.00019 0.00008	Plant im. Petrovskiy Завод им. Петровского
MSt. 3kp MSt. 3kp	billet Сутунка 90×90 mm # 20 beam Балка № 20				To же
KCt. 10SP KCt. 10SP	Knur 90 mm circle				,

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A006/A001

About the Quality of Converter Metal

Table 1 continued-

MSt. 10sp		0.0035	0.007		
MCr. 10crn	To же "	0.002—0.014	0.004—0.007	0.00023	, ,
KSt. 25G2S	billet	0.0061	0.005		
KCr. 25Г2С	Сугонка 58×58 mm	0.002—0.004	0.007—0.0095	0.00028	, ,
KSt. 62 sp	crane rails	0.0035	0.008		
KCr. 62cp	Крановые рельсы	0.001—0.006	0.002—0.010	0.00020	, ,
MSt. 62cp	"	0.0027	0.006		Kuznetsk Combine
MCr. 62cp	To же "	0.0021	0.007	—	Проектстальконструк-
KCr. 3кп	Лист 20 mm sheet	0.006	0.006	—	Кузнецкий комбинат siya
KSt. 3kp				—	Проектстальконструк-
MSt. 3kp	To же "	0.009	0.006	—	ция
KCr. 3cp	KSt. 3kp	0.003	0.003	—	To же
KCr. 3kp	,	0.0088	0.0044	—	Institute of Electric
KSt. 3kp	,			—	Институт электро- welding
MSt. 3kp	,	0.0070	0.0047	—	сварки им. Патона
MCr. 3kp	,			—	im. Ye.O. Paton
				—	To же

\* The mean gas content is shown in the denominator of fraction

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About the Quality of Converter Metal

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Table 2: Comparison data on relative elongation of converter and open-hearth steel

Relative elongation, %	Сталь К-3кпд		Сталь М-3кпд			
	кончес- тио вок	с	%	кончес- тио вок	d	%
22-23,9	15	3,57		35		
24-25,9	22	5,23		98		
26-27,9	61	14,5	13,3	159		
28-29,9	85	20,1		181		
30-31,9	120	28,5		166		
32-33,9	64	15,2		69		
34-35,9	37	8,8		19		
36-37,9	16	3,8		8		
38-39,9	1	0,3		1		
Total Итого	421	100		736		
				100		

a - 3 кп (3kp) converter steel  
b - 3 кг (3kp) open-hearth steel  
c + d - Number of heats

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S/130/61/000/004/002/005  
A006/A001

About the Quality of Converter Metal

Table 3: Comparison data on the yield limit of converter and open-hearth steel

Yield limit Предел текучести σ, кг/мм <sup>2</sup>	Сталь К-3кп		Сталь М-3кп	
	Количе- ство стаков c	%	Количе- ство стаков d	%
24	7	0,28	2	0,3
24—25,9	47	1,92	34	4,5
26—27,9	173	7,08	127	17,0
28—29,9	414	16,8	167	22,4
30—31,9	749	30,5	188	25,2
32—33,9	623	25,4	140	18,8
34—35,9	318	13,0	70	9,4
36—37,9	82	3,36	15	2,0
38—39,9	30	1,22	4	0,4
40—41,9	9	0,36	—	—
42	2	0,08	—	—
Total Итого	2454	100	747	100

a - 3kp converter steel  
b - 3kp open-hearth steel  
c + d - Number of heats

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S/130/61/000/004/002/005  
A006/A001

About the Quality of Converter Metal

Table 4: Data of determining the threshold of cold embrittlement

Sheet thickness mm	Method of melting	Number of heats	Range of transition into brittle state, °C			
			3kp steel		3sp steel	
			beginning	end	beginning	end
12	Converter	2	+100	-5	+50	-50
	Open-hearth	1	+100	-10	+50	-50
20	Converter	2	+120	-10	+80	-20
	Open-hearth	1	+100	-10	+80	-20
30	Converter	+	+120	0	+100	-20
	Open-hearth	1	+120	0	+80	-20

There are 4 tables.

ASSOCIATION: Zavod imeni Petrovskogo (Plant imeni Petrovskiy)

Card 6/6

RYZHKOY, OA. Doc Geo Min Sci — (diss) "Tectonics,  
and certain problems of the petroleum gas bearing capacity  
~~reservoirs~~ of Cretaceous and Cainozoic deposits of  
the Ferjana Depression."

Tashkent, 1958, 28 pp. (Acad Sci UzSSR. Inst of Geology.

Laboratory of Geology of Petroleum, 120 copies, list of  
<sup>Ap 26-28</sup>  
author's works (KL, 21-58, 88)

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

STAROBINETS, I.S.; SAGIDOVA, F.Z.; RYZHKOV, O.A., doktor geol.-  
miner. nauk, otv. red.; MOSHCHENKO, Z.V., red.;  
KARABAYEVA, Kh.U., tekhn. red.

[Geochemistry of oils and gases in the Fergana Valley]  
Geokhimiia neftei i gazov Ferganskoi depressii. Tashkent,  
Izd-vo AN UzSSR, 1963. 155 p. (MIRA 16:12)  
(Fergana—Petroleum) (Fergana—Gas, Natural)

EGAMBERDYEV, M.; RYZHKOV, O.A., doktor geol.-miner. nauk, prof.,  
otv. red.; TERNOVSKAYA, R.M., red.; KARABAYEVA, Kh.U.,  
tekhn. red.

[Lithology, facies, and paleogeography of sedimentary forma-  
tions of the Upper Cretaceous of the Upper Cretaceous in the  
Auminza-Tau (Kuzyl Kum)] Litologiya, fatsii i paleogeografiia  
verkhnemelovykh osadochnykh formatsii gor Auminzatau  
(Kyzylkumy). Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1963.  
169 p. (MIRA 16:7)

(Auminza-Tau--Rocks, Sedimentary)  
(Auminza-Tau--Paleogeography)

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CIA-RDP86-00513R001446520015-3

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CIA-RDP86-00513R001446520015-3"

AKRAMKHODZHAYEV, A.M.; AKHMEDZHANOV, M.A.; BABAYEV, A.G.; BABAYEV, K.L.;  
BATALOV, A.B.; BASHAYEV, N.P.; BAYMUKHAMEDOV, Kh.N.; BRAGIN,  
K.A.; BORISOV, O.M.; GABRIL'YAN, ~~Q.~~Sh.; GAR'KOVETS, V.G.;  
GOR'KOVOY, O.P.; GRIGORYANTS, S.V.; IBADULLAYEV, S.I.; ISMAILOV,  
M.I.; ISAMUKHAMEDOV, I.M.; KAKHKHAROV, A.; KENESARIN, N.A.;  
KRYLOV, M.M.; KUCHUKOVA, M.S.; LORDKIPANIDZE, L.N.; MAVLYANOV,  
G.A.; MOTSOKINA, T.M.; MALAKHOV, A.A.; MIRBABAYEV, M.Yu.;  
MIRKHODZHIYEV, I.M.; MUSIN, R.A.; NABIYEV, K.A.; PETROV, N.P.;  
POPOV, V.I.; PLATONOVA, N.A.; RYZHKOV, O.A.; SAYDALIYEVA, M.S.;  
SERGUN'KOVA, O.I.; SLYADNEV, A.F.; TULYAGANOV, Kh.T.; UKLONSKIY,  
A.S.; KHAMRABAYEV, I.Kh.; KHODZHIBAYEV, N.N.; CHUMAKOV, I.D.;  
SHAVLO, S.G.

Khabib Mukhamedovich Abdullaev; obituary. Uzb.geol.zhur. 6  
no.4:7-9 '62. (MIRA 15:9)  
(Abdullaev, Khabib Mukhamedovich, 1912-1962)

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

AKHMEDZHANOV, M.A.; BENSH, F.R.; BORISOV, O.M.; RYZHKOV, O.A.

Development of studies in stratigraphy, tectonics, and areal  
geology. Uzb. geol. zhur. 6 no.6:25-32 '62. (MIRA 16:2)  
(Uzbekistan—Geology)

RYZHKOV, O.A., doktor gel.-miner. nauk, prof., otv. red.;  
TERNOVSKAYA, R.M., red.; KARABAYEVA, Kh.U., tekhn. red.

[Tectonics and some problems of the oil and gas potentials of Mesozoic and Cenozoic sediments in Uzbekistan]  
Tektonika i nekotorye voprosy nefte-gazonosnosti mezo- i  
kainozoiskikh otlozhenii Uzbekistana. Tashkent, Izd-vo  
Akad. nauk UzSSR, 1962. 141 p. (MIRA 16:4)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut geologii  
i razrabotki neftyanykh i gazovykh mestorozhdeniy.  
(Uzbekistan--Petroleum geology)  
(Uzbekistan--Gas, Natural--Geology)  
(Uzbekistan--Geology, Structural)

AKRAMKHODZHAYEV, A.M., red.; BABAYEV, A.G., doktor geol.-mat. nauk,  
red.; RYZHKOV, O.A., doktor geol.-mat. nauk, red.; TULYAGANOV,  
Kh.T., red.; ZHUKOVSKIY, L.G., red.; KAHASH, O.A., red.;  
NURATDINOVA, M., red.; KARABAYEVA, Kh.U., tekhn. red.

[Problems of geology, and oil and gas potentials of western  
Uzbekistan and the Kara-Kalpak A.S.S.R.] Voprosy geologii i nef-  
tegazonosnosti Zapadnogo Uzbekistana i Karakalpakii; trudy vyezd-  
noi sesii otdeleniya geologicheskikh nauk AN UzSSR v g. Bukhare.  
Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 167 p.

(MIRA 16:4)

1. Akademiya nauk Uzbekskoy SSR. Tashkent. Institut geologii i  
razrabotki neftyanых и газовых месторождений. 2. Chlen-  
korrespondent Akademii nauk Uzbekskoy SSR (for Akramkhodzhayev).

(Uzbekistan--Petroleum geology)

(Uzbekistan--Gas, Natural--Geology)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
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KYZHKOV, O.A. KHALMATOV, A.KH.

CIA-RDP86-00513R001446520015-3

CIA-RDP86-00513R001446520015-3"

Some data on the Paleozoic diagonal flat arch of Fergana,  
Izv.AN SSSR. Ser.geol. 21 no.9:108-110 S '56. (MLRA 9:11)

1. Institut geologii Akademii nauk UzSSR, Tashkent.  
(Fergana--Geology, Stratigraphic)

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

SAYDALIYEVA, M.S.; RYZHKOV, O.A., doktor geolog.-miner . nauk, otv.  
red.; TERNOVSKAYA, R.M., red.; KARABAYEVA, Kh.U., tekhn. red.

[Tectonic characteristics of the formation of oil and gas pools  
in Genozoic sediments of the Andizhan fold group] Tektonicheskie  
osobennosti formirovaniia zalezhei nefti i gaza v kainozoiskikh  
kontinental'nykh otlozheniiakh Andizhanskoi gruppy skladok.  
Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 110 p.

(MIRA 15:7)

(Andizhan Province—Petroleum geology)  
(Andizhan Province--Gas, Natural--Geology)

"APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3

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CIA-RDP86-00513R001446520015-3"

UMAROV, A.; RYZHKOV, O.A., doktor geol.-min. nauk, prof., otv. red.;  
MOSHCHENKO, Z.V., red.; KARABAYEVA, Kh.U., tekhn. red.

[Tectonics, and gas and oil potentials of the Bukhara-Karshi structures]Tektonika i gazonefenosnost' iugovostoka Bukharo-Karshinskoi sistemy struktur. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 159 p. (MIRA 15:10)

(Uzbekistan--Gas, Natural--Geology)

(Uzbekistan--Petroleum)

RYZHKOV, O. A.

Some methods of paleotectonic analysis. Uzb. geol. zhur. 6 no.5:  
5-16 '62. (MIRA 15:10)

1. Institut geologii i rasrabotki neftyanykh i gasovykh mestorozhdeniy AN Uzbekskoy SSR.

(Geology, Structural)

RYZHkov, O.A.; EMANUEL', E.V.; ATAKULOV, T.

Features of the formation of the anticlinal folds of the Surkhan  
synclinal zone. Neftegaz. geol. i geofiz. no. 12:23-26 '63.  
(MIRA 17:5)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN UzSSSR.

RYZHKOV, O.A.; HAIMOV, R.N.; ZUYEV, Yu.N.

New data on the gas potential of the Paleozoic sediments of the  
Samarkand megasyncline. Neftegaz.geol. i geofiz. no. 12:3-5 '63.  
(MIRA 17:5)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy  
AN UzSSSR.

ZHUKOVA, Ye.A.; RYZHKOV, O.A., doktor geol.-mine nauk, prof.,  
otv.red.; ASTAKHOV,A.N.,red.; KARABAYEVA, Kh.U.,  
tekhn.red.

[Stratigraphy of Cretaceous sediments in the southwestern  
spurs of the Gissar Range based on Foraminifera fauna]  
Stratigrafiia melovykh otlozhenii iugo-zapadnykh otrogov  
Gissarskogo khrebeta po faune forminifer. Tashkent, Izd-vo  
AN UzSSR, 1963. 138 p. (MIRA 17:2)

YEKSHIBAROV, S.V.; RYZHKOV, O.A., doktor geol.-mat. nauk, otd. red.;  
TERNOVSKAYA, R.M., red.; KARABAYEVA, Kh.U., tekhn. red.

[Tectonics and some problems of oil and gas potentials of  
Mesozoic sediments in the southwestern and of the Gissar  
meganticline and the eastern part of the Kashka-Darya trough]  
Tektonika i nekotorye voprosy neftegazonosnosti mezozoiskikh  
otlozhenii iugo-zapadnogo okonchaniia Gissarskoi megantiklinali  
i vostochnoi chasti Kashkadairinskoi vpadiiny. Tashkent, Izd-vo  
Akad. nauk Uzbekskoi SSR, 1962. 125 p. (MIRA 15:11)

(Surkhandarya Province--Petroleum geology)

(Surkhandarya Province--Gas, Natural--Geology)

(Surkhandarya Province--Geology, Structural)

POPOV, V.I., prof.; RYZHKOV, O.A., ovt.red.; KHUDAYBERDYYEV, S.  
tekhn.red.

[Geological formations are natural assemblages of genetically  
associated rocks] Geologicheskie formatsii - estestvenno-isto-  
richeskie soobshchestva geneticheski sviazannykh sopriazhennykh  
gornykh porod. Samarkand, Izd-vo Uzbekskogo gos.univ. Pt.1.  
1959. 148 p. (MIRA 13:4)

(Geology)

RYZHKOV, O.A.

Characteristics of the Alpine tectonics of anticlinal elevations  
of the southwestern Kyzyl-Kum. Dokl. AN Uz. SSR no. 9:22-25 '59.  
(MIRA 13:1)

1. Institut geologii AN UzSSR. Predstavleno chlenom-korrespondentom  
AN UzSSR G.A. Mavlyanovym.  
(Kyzyl-Kum-Geology, Structural)

RYZHKOV, O.A.

Most recent surface denudations in the Fergana Valley. Trudy  
Inst.geol.AN Uz.SSR no.11:86-97 '54. (MIRA 8:9)  
(Fergana--Erosion) (Fergana--Physical geography)

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

RYZHKOV, O.A.

Types of anticlinal folds of Fergana and regularities of their occurrence. Trudy Inst.geol.AN Uz.SSR no.11:98-116 '54.  
(Fergana--Folds (Geology)) (MLRA 8:9)

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CIA-RDP86-00513R001446520015-3  
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RYZHKOV, O.A.

Fault in the eastern part of the Fergana Valley. Izv. AH Uz. SSR.  
Ser. geol. no.3:85-86 '57. (MIRA 11:9)  
(Fergana--Faults (Geology))

RYZHKOV, O.A.; IBRAGIMOV, R.N.; YUR'YEV, A.A.

Tectonics of the Tashkent-Golodnaya Steppe Oligocene-Quaternary  
foothill area. Uzb.geol.zhur. no.5:22-32 '61.

(MIRA 14:11)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeiy AN Uzbekskoy SSR.

(Tashkent region—Geology, Structural)  
(Golodnaya Steppe—Geology, Structural)

RYZHKOV, O.A.

Tectonic division of Mesozoic and Cenozoic sediments in Uzbekistan.  
Uzb.geol.zhur. 6 no.3:14-21 '62. (MIRA 15:6)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN UzSSR.  
(Uzbekistan—Geology, Structural)

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RYZHKOV, O.A.

CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

Conference on geological division of Central Asia. Izv. AN Uz.  
SSR. Ser. geol. no.4:105-106 '57. (MIRA 11:9)  
(Soviet Central Asia--Geology)

RYZHKOV, O.A.

Some characteristics of the recent tectonics of the Bukhara-Karshi system of structures. Uzb. geol. zhur. 7 no.4:44-46 '63.  
(MIRA 16:10)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN UzSSR.  
(Uzbekistan—Geology, Structural)

Ryzhkov, O. A.

15-57-1-248

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,  
p 35 (USSR)

AUTHOR: Ryzhkov, O. A.

TITLE: Tectonic Development of the Fergana Depression  
During the Neogene (K tektonicheskому razvitiyu  
Ferganskoy depressii v neogenovyy period)

PERIODICAL: Zap. Uzbekist. otd. Vses. mineralog. o-va, 1956,  
Nr 9, pp 131-149

ABSTRACT: The author briefly presents his point of view on the  
stratigraphic position and the conditions of formation  
of the salt- and gypsum-bearing series in the north-  
western Fergana, and compares them with the Massagetskaya  
series. After describing the facies and the thicknesses  
of the Massagetskiy series, he concludes that these  
sediments were collected in a closed basin-depression  
surrounded by mountains which were high to the east and

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15-57-1-248

Tectonic Development of the Fergana Depression (Cont.)

diminished in a western direction. The homogenous lacustrine deposits of this series are surrounded by a continuous border of outwash cones in which the conglomerates are replaced, toward the middle of the depression, first by the sandstone and then by the clay zones. In the Massagetskiy time the Fergana depression underwent a general subsidence, but the amplitude of this movement was different in various parts of the depression. The main flexure of the depression lay in the area of the folds at Ak-Bel', Ak-Chop, Supe-Tau and Charvakskiy regions. The positive structures were developed in the zones of lesser flexure. The sinking of the depression was accompanied by the uplift of its surroundings. The lower Bactrian tectonic phase divided the sole level district of the Fergana into several zones of uplift separated by depressions. The Kichik-Alay zone of the interior tectonic uplifts was farthest to the south. To the north of this zone and of its eastern extension, the Kichik-Alay Range, lies the Kara-Tau-Karachatyrskaya zone. Over the area of the Fergana foothills the fine sandy elevations of

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15-57-1-248

### Tectonic Development of the Fergana Depression (Cont.)

the Kapchigaysko-Achisayskaya zone were developed. During the lower Bactrian time, these elevated areas were subjected to erosion. In the course of the Bactrian time the uplifts along the periphery of the depression were partly arrested; in the internal part of the depression they were completely or nearly completely covered by the deposits of the Bactrian series. The most intense developments of the Fergana ranges in this period occurred in the middle Bactrian time and are related to the accumulation of a thick group of conglomerates. During the lower Sokh time uplifts were produced within the Fergana depression in the Kara-Tau-Karachatyrskaya zone. The promontories in the Kapchigaysko-Achisayskaya zone in the northeastern part of the Pishkaran-Kokand zone and in the Arslanbobskiy region originated at the same time. The surface of the depression, which was divided in the lower Sokh time into sinks and depressions, began to level out later in this period. The maximum thickness of the Massagetskaya series within the depression reached 2,700 m, of the Bactrian series 2,600 m and of the

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15-57-1-248

Tectonic Development of the Fergana Depression (Cont.)

Sokh series 800 m. The article includes schematic maps of the facies and thicknesses in the Sumsarskiy stage, the Massagetskaya and the Bactrian series and of the Sokh series, schematic paleotectonic profiles, and schematic paleogeological maps of the lower Bactrian and the Sokh times.

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S. M. K.

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RYZHKO<sup>V</sup>, O.A.; KHAIMOV, R.N.; VITCHINKIN, M.M.; ZUYEV, Yu.N.

Paleozoic oil of Uzbekistan and adjacent territories. Sov.  
geol. ? no.8:95-107 Ag '64. (MIRA 17:10)

1. Institut geologii i razrabotki neftyanykh i gazovykh  
mestorozhdeniy AN UzbSSR.

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CIA-RDP86-00513R001446520015-3"

BUTOVSKAYA, Ye.M.; ZAKHAROVA, A.I.; IODKO, V.K.; FLENOVA, M.G.;  
FLENOV, Yu.P.; RYZHkov, O.A., doktor geol.-miner. nauk,  
otv. red.; SHAFEEYEVA, K.A., red.

[Seismicity of Uzbekistan] Seismichnost' Uzbekistana.  
[By] E.M.Butovskaya i dr. Tashkent, Izd-vo "Nauka,"  
UzSSR. No.2. [Tashkent and Yuzhnyy seismic regions, the  
central part of the Chatkal Range] Pritashkentskii i  
IUzhnyi seismicheskie raiony, tsentral'naya chast' Chatkal'-  
skogo khrebeta. 1964. 121 p. (MIRA 17:6)

15-1957-10-13784

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,  
pp 56-57

AUTHOR: Ryzhkov, O. A.

TITLE: The Nature of Fault Movements in the Anticlines of Fergana (K kharakteristike razryvnykh smeshcheniy v antiklinal'nykh skladkakh Fergany)

PERIODICAL: Zap. Uzbekist. otd. Vses. mineralog. o-va, 1956, Nr 10,  
pp 247-261

ABSTRACT: In agreement with other investigators in Fergana, the author distinguishes two groups of faults associated with the anticlines: Mesozoic-Cenozoic faults of the sedimentary sequence, and faults cutting across both the sedimentary sequence and the Paleozoic basement. Overthrusts and high-angle normal and wrench faults are most abundant. Faults which pass through all or most of the beds are called "interformational"; faults occurring in only part of the deposits are termed "intraformational." According to the author, the overthrusts generally

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15-1957-10-13784

### The Nature of Fault Movements in the Anticlines of Fergana

develop on the steeper limbs of the folds and are oriented parallel to the trend of the fold. The fault plane of the over-thrust has a smaller inclination than the axial plane of the broken fold. Near the earth's surface the fault surface is distorted. High-angle normal faults extend both along the strike of the folds and transversely to it, generally forming systems; in Fergana they are less widely distributed than other kinds of faults. In the areas where doubly plunging anticlines, containing the complete Mesozoic and Cenozoic section, were formed and where only the single uparching occurred (in post Sokhskoye time), interformational faults did not develop. In areas with abbreviated sections, where both up and down movements occurred (depression beginning in the Jurassic or Cretaceous, uplift in early Sokhskoye time, depression in Sokhskoye time, and uplift again in post Sokhskoye time), overthrusts are characteristic. In folds of the Naymanskaya and Chimionskaya varieties (also having an abbreviated section of Mesozoic and Cenozoic rocks, but being distinguished by a much smaller downwarping of the earth's crust in Massagetskoye and Bakriyskoye time, by a comparatively

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15-1957-10-13794

The Nature of Fault Movements in the Anticlines of Fergana

strong uplift in early Baktriyskiy time, and by breaks in accumulation of sediments in early Sokhskoye and post Sokhskoye times) high-angle normal-wrench faults occur in addition to over-thrusts. Finally, some of the folds with abbreviated sections (of the Karachatyrskiy type) are accompanied by interformational overthrusts affecting Paleozoic, Mesozoic, and Cenozoic rocks. The author concludes that the faulting movements in the Fergana anticlines were associated with the folding movements.

Card 3/3

A.I. Suvorov

15-57-4-1,326

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,  
p 41 (USSR)

AUTHOR: Ryzhkov, O. A.

TITLE: Cenozoic Folding in Fergana Region (Kharakter i  
temp kaynozoyskoy skladchatosti Fergany)

PERIODICAL: Tr. In-ta geol. AN UzSSR, 1956, Nr 12, pp 75-89

ABSTRACT: The characteristics and rate of development of  
Cenozoic folding are discussed in this work. The  
examples used are the brachyanticlines of Fergana  
region and the slopes of the Fergana and Alai  
Mountains facing the depression. The views of geo-  
logists of various schools on the nature of the fold-  
forming processes are given. A method of geomorpho-  
logical studies of the Fergana highlands exhibiting  
an anticlinal structure is proposed. The author  
believes that compressing of layers into folds

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15-57-4-4326

Cenozoic Folding in Fergana Region(Cont.)

represented an intermittent rhythmic tectonic process in which the stages of compressing the layers were followed by stages when no compression occurred. The intermittent fold-forming process continued against a background of continuous fluctuation movements. The rate of growth of the anticlines was nonuniform; it became intensified from time to time and then declined. Three rates of fold formation are distinguished, namely, the retarded, the accelerated, and the rapid. The rate of growth of the anticlines in Fergana determined the lithologic composition and thickness of the sediments which accumulated simultaneously.

Card 2/2

V. A. K.

RYZHKOV, O.A.

The main structural elements of Fergana. Trudy SAGU no.39:3-6 '53.  
(MLRA 10:5)  
(Fergana--Geology, Structural)

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CIA-RDP86-00513R001446520015-3"

RYZHKOY, O.A.

The nature and rate of Genozoic folding in Fergana. Trudy Inst.  
geol. AN Uz.SSR.no.12:75-89 '56. (MIRA 10:1)  
(Fergana--Folds (Geology))

RYZHKOV, O.A.

"Using genetic features to divide the Fergana Depression into tectonic regions" by A.I.Suvorov. Reviewed by O.A.Ryzhkov, Izv. AN SSSR, Ser.geol. 22 no.1:129-130 Ja '57. (MLRA 10:3)

1. Institut geologii AN UzbSSR, g.Tashkent.  
(Fergana--Geology, Structural)  
(Suvorov, A.I.)

"Types of Anticlinal Folds of Fergana and Their Laws of Distribution," Tr. in-ta Geol. AN UzSSR, No 11, pp 98-116, 1954

The anticlinal structures of the Fergana depression can be divided into two basic groups. The first consists of large-scale brachy-anticlinal, with one dome-like surface complicated by rocks of a more complete stratigraphic cross-section. The second group of brachy-anticlinal are characterized by contracted cross-sections (profiles), with an entire series of angular unconformities. In a number of cases, these forms consist of several disconnected anticlines (domes). The author subdivides each group of anticlinal structures into various types and subtypes, some of which are complicated by phenomena of diapirism. In the peripheral portions of the zones of upheavals of the Fergana depression, there have developed monoclinal folds with more complete profile cuts; in the central part are observed contract cross-sections and more complicated structures. (RZhGeol, No 4, 55)

Sum. No. 681, 7 Oct 55

RYZHKOV, O.A.

Oil and gas potentials of lower Cretaceous and Jurassic sediments  
in the Fergana Valley. Uzb. geol. zhur. no.1:35-46 '58.  
(MIRA 13:2)

(Fergana--Petroleum geology) (Fergana--Gas, Natural--Geology)

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CIA-RDP86-00513R001446520015-3"

SAFARALIYEV, M.T.; RYZHKOV, O.A.

Results of structural drilling in southern Fergana. Uzb. geol.  
zhur. no.2:3-7 '60. (MIRA 13:10)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozh-  
deniy. AN UzSSR. (Fergana-Boring)

RYZHkov, Oleg Aleksandrovich; BABAYEV, A.G., doktor geologo-mineralog.  
nauk, otv.red.; CHERNYAVSKAYA, A.B., red.izd-va; GOR'KOVAYA,  
Z.P., tekhn.red.

[Tectonics of Cretaceous and Cenozoic sediments in the Fergana  
Valley] Tektonika melovykh i kainozoiskikh otlozhenii Fer-  
ganskoi depressii. Tashkent. Izd-vo Akad.nauk Uzbekskoi SSSR,  
1959. 199 p. (MIRA 13:5)  
(Fergana--Geology, Structural)

"APPROVED FOR RELEASE: Thursday, September 26, 2002  
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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

RYZHKOV, P. inzh.-podpolkovnik

Separate rectifier for the ST-35 apparatus. Voen. sviaz. 16  
no. 6-42 Je '58. (MIRA 11:7)  
(Electric current rectifiers)

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*143*  
YUSHKOV, V., ryadovoy; NIKITIN, Yu., inzh.-leytenant; GABELEV, R., inst.-  
podpolkovnik; RYZHKOV, P., inzh.-podpolkovnik.

Brief proposals. Voen. sviaz. 16 no.1:43 Ja '58. (MIRA 11:2)  
(Telecommunication)

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CIA-RDP86-00513R001446520015-3  
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FILIPPOV, S.N. [deceased]; BUDA, N.I.; ALIMOV, I.G.; RYZHKOV, P.Ya.; LEVIN,  
P.G.; GOHYUCHKO, I.G.; ZADOROZHNAIA, M.A.; VOLKOVA, L.A.

Building up steel roofs. Biul. TSNIICHM no.22:54-55 '57.

(MIRA II:5)

1. Zavod im. Petrovskogo.  
(Electric welding) (Rolls)

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AFANAS'YEV, S.G., kand.tekhn.nauk; BEDA, N.I., inzh.; MITROFANOV, A.A.,  
RYZHKOV, P.Ya., inzh.; KOTOV, N.K., inzh.; FILIPPOV, S.N. [deceased],  
~~inzh.~~

Quality of converter rimmed steel produced with an oxygen blast.  
Kislorod 10 no.4:5-13 '57. (MIRA 11:2)  
(Steel)

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CIA-RDP86-00513R001446520015-3  
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BEDA, N.I.; RYZHKOV, P. Ya.

Converter metal quality. Metallurg 6 no.4:13-16 Ap '61.  
(MIRA 14:3)

1. Zavod im. Petrovskogo.  
(Bessemer process—Quality control)

BEDA, N.I., inzh.; RYZHKOV, P.Ya., inzh.; GORYUCHKO, I.G., inzh.;  
MASHKOVA, A.K., inzh.; Prinimali uchastiye: LIFSHITS, S.I.;  
KOTOV, N.K.; KOSHCHEYEV, A.D.; CHUVICHKINA, N.K.; KOLPOVSKIY,  
N.M.; GOLOVKO, O.F.; LUDENSKIY, A.M.; SERBIN, I.V.; IVANOV, I.T.;  
ALEKSEYEVA, N.V.; MENDEL'SON, N.Ya.

Quality of pipe billets and pipes made of killed converter steel.  
Stal' 21 no.9:824-825 S '61. (MIRA 14:9)

1. Metallurgicheskiy zavod im. Petrovskogo i Truboprovodnyy  
zavod im. Lenina.

(Pipe, Steel)

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RIZHKOV, P.Ya., inzh.; SHERSHEVSKAYA, R.M., inzh.; RASHBA, T.S., inzh.

Hardening spare metallurgical equipment parts at the Petrovskii plant.  
Met. i gornorud. prom. no.3:76-80 My-Je '63. (MIRA 17:1)

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RYZHKOV, P.Ya.; SHERESHEVSKAYA, R.M.

Surface defects on rolled metal. Metallurg 6 no.5:25-26 My '61.  
(MIRA 14:5)

1. Tsentral'naya zavodskaya laboratoriya zavoda im. Petrovskogo.  
(Rolling (Metalwork)---Defects))

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OSPAPENKO, Zh.V., inzh.; RYZHKO, P.Ya., inzh.; GORYUCHKO, I.G., inzh.

Ultrasonic inspection of the quality of products at the Petrovskii  
Plant. Stal' 24 no.9;851 S '64. (MIRA 17:10)

1. Metallurgicheskiy zavod im. Petrovskogo.

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CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

VARNAVSKIY, I.N.; ZELICHENOK, B.Yu.; KARGIN, V.A.; ZHIGULIN, V.I., inzh.;  
BEDA, N.I., inzh.; RYZHIKOV, P.Ya., inzh.; GAVRILOV, A.M., inzh.

New developments in research. Stal' 23 no.10:950 O '63.  
(MIRA 16:11)

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APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

VARNAVSKIY, I.N.; SHNEYDER, A.G.; IZOTOV, N.P.; POLYAKOVA, S.V.; ZHIGULIN,  
V.I., inzh.; BEDA, N.I., inzh.; RYZHKOV, P.Ya., inzh.;  
GAVRILOV, A.M., inzh.

New developments in research. Stal' 23 no.10:940-941 0 '63.  
(MIRA 16:11)

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APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001446520015-3  
CIA-RDP86-00513R001446520015-3"

DOLGOKER, Yu.P.; PASHUTIN, N.V.; ZHIGULIN, V.I., inzh.; BEDA, N.I., inzh.;  
RYZHKOV, P.Ya., inzh.; GAVRILOV, A.I., inzh.; CHEKHRANOV, V.D.,  
kand. tekhn. nauk.

New developments in research. Stal' 23 no.10:928-929 O '63.  
(MIRA 16:11)

SGV/133-58-7-21/27

AUTHORS: Ryzhkov, P.Ya., Engineer, Mitrofanov, A.A., Candidate of Technical Sciences, Beda, N.I., Engineer and Livshits, G.L., Candidate of Technical Sciences

TITLE: Properties of Metal Produced in Oxygen-blown Converters  
(Svoystva metalla, poluchennogo v konverterakh s produvkoj kislorodom)

PERIODICAL: 'Stal', 1958, Nr 7, pp 643 - 647 (USSR)

ABSTRACT: In the first half of 1957, on the works imeni Petrovskiy, over 300 000 tons of metal was produced in converters blown with technically pure oxygen. After rolling this was delivered to consumers instead of open-hearth metal. The following types of steel were produced: K2kp, K3kp, OKM, K10sp, K5sp, K62 (rail steel and AKNL (low alloy for accessories). In view of the above, an investigation of the properties of converter steels and their comparison with open-hearth steels was carried out. A comparison of the mean chemical composition of various converter steels (nominator) with the standard composition of corresponding open-hearth steels (denominator) together with standard deviations (in brackets) - Table 1; frequency curves of the content of carbon (A), manganese Card1/3 (B), phosphorus (V) and sulphur (G) in steel St. 3kp,

SOV/133-58-7-21/27

### Properties of Metal Produced in Oxygen-blown Converters

produced by converter (a), Bessemer (b) and open-hearth (v) processes - Figure 1; frequency curves of nitrogen content in St. 3kp steel produced by converter (a) and open-hearth (b) processes - Figure 2; mean content of gases in rolled products from converter (K), open-hearth (M) and Bessemer (B) metal - Table 2; frequency curves of values for yield point (A), yield strength (B), relative elongation (V) and relative reduction (G) of steel St. 3kp produced by converter (a), open-hearth (b) and Bessemer (v) processes; impact strength at various testing temperatures and after artificial ageing of specimens from various rolled products from converter (nominator) and open-hearth (denominator) metal - Table 3; mechanical properties of welded specimens from open-hearth (M) and converter (K) St. 3kp steel - Table 4. It was found that properties of the metal (of a similar composition to that of open-hearth) produced from pig iron in oxygen-blown converters with basic linings are equal to those of open-hearth metal and correspond to the requirements of standards MChTU 5567-56, GOST 380-50 and GOST 4231-48 for open-hearth metal. The content of

Car<sub>6</sub>2/3

SOV/133-58-7-21/27

Properties of Metal Produced in Oxygen-blown Converters

gases, macro- and microstructure as well as weldability of rolled products produced from converter metal of heats investigated are practically the same as those from open-hearth metal. Tests of specimens from rolled converter and open-hearth steel for impact strength at various temperatures and after artificial ageing did not show any substantial difference in the indices. Testing conditions were practically the same. The quality of the usual and telegraph wire from converter metal did not differ from that made from open-hearth metal. There are 4 tables and 3 figures.

ASSOCIATIONS: Zavod im. Petrovskogo (Plant imeni Petrovskiy) and TsNIIChM

Card 3/3

1. Metals--Production
2. Metals--Properties
3. Blast furnaces--Operation
4. Oxygen--Applications

1. RYZIKOV, S. F. and BUKINA, M. N.

2. USSR (600)

4. Salair Range - Quartzite

7. Quartizites of the southwestern part of Salair Range along the route of the Barnaul-Stalinsk Railroad. (Abstract.) Izv.Glav.upr.geol.fon. no. 2, 1947.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

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CIA-RDP86-00513R001446520015-3  
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RYZHKOV, S.I., inzh.-podpolkovnik

Improved equipment for moving wounded from the battlefield.  
Voen.med.zhur. no.12:66-70 D '55 (MIRA 12:1)  
(TRANSPORT OF SICK AND WOUNDED)

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CIA-RDP86-00513R001446520015-3"

Improved Means of Carrying and Carting the Wounded Out of the Combat Area.

VOYENNO-MEDITSINSKIY ZHURNAL ( MILITARY MEDICAL JOURNAL) No 12, 1955. P. 66

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RYZHKOV, S.I.

37178. RYZHKOV, S. I. Èvakuatsiâ ranenykh zimoi. (Meditinskâa sestra, 1944. no. 1-2, p. 5-9, illus.) Text in Russian. *Title tr.:* Evacuation of wounded in the winter.

Contains an account and descriptions of regular and improvised means of transportation of wounded in the winter, including sled-stretchers, and boats used as sleds (both pulled by men or dogs); covered sled-wagons for several wounded; automobiles; stretchers with sleeping bags; chemical warmers, etc.

*Copy seen:* DSC.

Use of continuous spinal anesthesia in surgery. Vest.khir.  
82 no.4:99-103 Ap '59. (MIRA 12:6)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (nach. - prof.V.N.  
Shamov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.  
Kirova.

(SPINAL ANESTHESIA)

S/262/62/000/008/001/022  
I007/I207

AUTHORS: Buznik, V. M., Vezlomtsev, K. A. and Ryzhkov, S. V.

TITLE: Experimental investigation of heat transfer and aerodynamic resistance of channels with internal ring-shaped ribs

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustavovki, no. 8, 1962, 14, abstract 42.8.62. "Tr. Nicolayevskogo korablestroit in-ta, no. 22", 1961, 19-23

TEXT: Tests were carried out on a channel representing a smooth, straight pipe 340 mm long and 27 mm in diameter. The pipe was provided with internal flat steel rings rigidly fastened by split steel-sleeves. A mercury thermometer and a baffle both mounted in front of the channel increased the flow turbulence at the channel inlet. During the tests the heat transfer was increased by a factor of 3.85. As shown by these tests, channels with flat ring-shaped ribs exhibit a higher resistance than smooth channels, while the variation of the resistance maintains the same course as in case of smooth pipes. The increase in heat transfer is accompanied by a nonproportional increase in resistance. There are 4 figures and 4 references.

[Abstracter's note: Complete translation.]

Card 1/1

39285

S/262/62/000/008/002/022  
I007/I207

*SA. 5107*  
AUTHORS: Buznik, V. M., Vezlomstsev, K. A. and Ryzhkov, S. V.

TITLE Experimental investigation of heat transfer and aerodynamic resistance in longitudinal flow around pipes provided with helical, strip-shaped ribs

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustavokhi, no. 8, 1962, 14-15, abstract 42.8.63. "Tr. Nicolayevskogo korablestroit in-ta", no. 22, 1961, 3-9

TEXT: A system of two concentric ("telescopic") pipes was provided with ribs by applying a 1 mm helically wound strip around the external surface of the internal 10 mm-diameter pipe so that the resulting 16 flat ribs, arranged perpendicularly to the pipe surface, form cells of trapezoidal cross section between the concentric tubes. Both pipes and ribs are made of heat resistant steel. Investigations were carried out on pipes with a channel diameter of 24, 28 and 35 mm, a rib length of 6.75, 8.56 and 12.0 mm and a invariable rib width of 8 mm. As shown by the tests, helical strip-shaped ribs markedly increase the heat transfer at low Re numbers; with an increase in Re, the efficiency of the ribs diminishes, even attaining zero values at specific Re numbers. There are 10 figures and 3 references.

[Abstracter's note: Complete translation.]

Card 1/1

RYZHKOY, S.V. (Leningrad)

Course and therapy of penetrating cranial injuries in ionizing  
radiation injuries. Ekspер.khir. 4 no.4:52 J1-Ag '59.

(MIRA 12:11)

(RADIATION INJURY exper)

(BRAIN wds & inj)

RYZHKO<sup>V</sup>, S.V., Cand Tech ci — (diss) "Study of convective  
heat exchange of a single cylinder in a ~~not~~ <sup>burning</sup> mazut flare."  
Mos, 1959, 16 pp with drawings (Min of Railways, Mos Order of  
Lenin and Order of Labor Red Banner Inst of Engineers of  
Railroad Transport im I.V. Stalin) 150 copies (KL, 28-59, 128)

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External endometrioses. Akush.i gin. no.2:69-70 Mr-Ap '53. (MIRA 6:5)  
(Endometriosis)